

Abstract

The invention relates to a horizontal atmospheric furnace for heat treating, in particular, metallic workpieces at high temperatures. In order to create a furnace that, while having a simple design and being easy to operate at the same time, enables a transfer of heat-treated workpieces into a quenching device while concluding the atmosphere surrounding the furnace, the invention provides that a horizontal atmospheric furnace for heat treating, in particular, metallic work pieces at high temperatures with a preferably cylindrical furnace chamber and with a furnace door that closes the furnace chamber in a gas-tight manner. Said furnace door is mounted in a manner that enables it to be displaced inside a door case. Which forms a lock that can be closed in a gas-tight manner.